

WELSH BOARD OF HEALTH.

SEP 20 1953

19 SEP 1953

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# Urban District of Penarth



# ANNUAL REPORT

OF THE

## Medical Officer of Health

FOR THE YEAR

## 1952

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BY

D. TREVOR THOMAS

M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H.



Urban District of Penarth



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## PENARTH URBAN DISTRICT COUNCIL

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*Chairman :*

Councillor W. R. JEFFCOTT, J.P.

*Members :*

Coun. A. BROCKINGTON.	Coun. J. W. JONES, J.P., C.C.
„ G. W. COWLE	„ G. V. WILLIAMS, C.A.
„ GARETH ROBERTS	„ JOHN JOSEPH McCORMACK
„ E. VIVIAN ROGERS	„ WM. JONES, C.C.
„ Mrs. LILY ANN ROGERS,	„ HAROLD R. BLUEMEL
„ O.B.E., C.C.	„ R. TOTTERDELL (part year)

G. A. MOON (part year)
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*Clerk to the Council :*

P. M. METCALF, ESQ.

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## PUBLIC HEALTH COMMITTEE

*Chairman :*

Councillor E. VIVIAN ROGERS

*Members :*

All the Members of the Urban District Council.

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## PUBLIC HEALTH STAFF

*Medical Officer of Health :*

D. TREVOR THOMAS, M.R.C.S. (ENG.), L.R.C.P. (LOND.), D.P.H.  
(Also Divisional Medical Officer, South East Glamorgan Division)

*Senior Sanitary Inspector :*

A H. MOUNTAIN, A.R.SAN.I., M.S.I.A., S.R.I.B.A.,  
Cert. Meat Insp. Royal Sanitary Institute.

*Additional Sanitary Inspector :*

D. P. NOWELL, Cert. S.I.B., M.S.I.A.,  
Cert Meat Insp. Royal Sanitary Institute.

*Clerical Staff :*

A. S. POWELL  
K. M. HEWITT

*Rodent Operator :*

W. COOMBS (part year)  
I. TAYLOR (part year)

Public Health Department,  
West House, Penarth.

TO THE CHAIRMAN AND MEMBERS OF THE  
PENARTH URBAN DISTRICT COUNCIL.

Mrs. Rogers and Gentlemen,

I beg to submit my Annual Report for the year 1952 prepared on the lines indicated in Circular 42/51 (Wales) of the Welsh Board of Health. It includes a record of the work carried out by the Sanitary Inspectors.

The Census of population in 1951 showed the town to have 18,528 inhabitants, whilst the figure for the 1931 Census was 17,110.

The number of inhabited houses in 1931 was 3,941, while the number of inhabited houses in 1951 was 5,021.

The Health of the community as a whole as judged by Vital Statistics was satisfactory. The number of births recorded was the lowest since the war years, whilst the infant mortality rate continued to be lower than that for the administrative County. With regard to Infectious Diseases there was a very sharp epidemic of Measles, 735 cases being notified within a period of eight weeks from late September to late November. The number of deaths from Tuberculosis (2) was the lowest in our records.

A Mass Radiography Unit paid a visit to the town in September and was housed for two weeks at Christchurch Schoolroom, 3,669 persons, representing approximately 25 per cent. of the over 14 population, presented themselves. This was a distinct improvement on the numbers who attended the Unit in 1950 (2,243 persons). Detailed analysis of the results are tabulated on page 16.

Routine inspection of houses by the Sanitary Inspectors and consequent Informal or Statutory action to effect repairs was continued during the year. Since the commencement of the Housing Survey four years ago, approximately 1,200 houses have been inspected and put into good repair and this has resulted in a very high standard of housing in the town.

A total of approximately 650 houses built by the Council and by private enterprise since the war has resulted in a large number of families being rehoused and their overcrowded and unsatisfactory living conditions being thereby greatly improved.

Further evidence supporting this statement is the fact that during the last two years almost 50 per cent. of Penarth mothers were able to have their confinements at home, as compared with

approximately 30 per cent in the adjoining districts of the County and indeed in the rest of the country.

When one contemplates the long waiting lists for admission to hospital, the crowded and difficult conditions under which hospital out patients' departments and clinics are frequently working, one wonders whether the right priority is being applied to bricks and mortar. While admitting that new schools and offices are necessary, should they be given priority as long as the conditions outlined above prevail?

Evidence of the increased expectation of life and the ageing of the population due to various causes may be seen on reference to the Table on page 10.

Bacteriologists have now so developed their culture growth technique that they can detect and recover disease producing bacteria even from the main sewer outfalls of towns and are able to trace back through smaller sewers to a particular street or house and finally even detect a human carrier of a particular pathogenic organism. During the year the Cardiff Public Health Laboratory kindly arranged to have the main sewer outfalls in Penarth tested in this way and it is some satisfaction to know that no disease producing organisms were discovered by this technique.

Routine Bacteriological examination of water supplies, milk, and ice-cream was continued throughout the year. One Tuberculous cow was isolated on one farm and appropriate action taken.

The Portland Cement Works, Lower Penarth, installed and put into operation a Buell Dust precipitating plant during the year. This appears to have produced considerable abatement of the dust problem without eliminating the nuisance completely. On occasions there is a noticeable effluvium in the town when the wind is blowing directly from the Sully Flats, however, as regards atmospheric pollution we are fortunate in this respect in comparison with numerous South Wales towns.

During the year the Health Services in the town administered by the Glamorgan County Council continued to work pretty smoothly.

The demands on that most valuable of Services the Home Nursing, became so heavy that the establishment had to be increased by one full-time nurse, thus having three full-time and one Relief Nurse working in Penarth.

Three full-time with an average of four casual or part-time Home-helps were kept employed throughout the year and these gave much needed domestic help to an average of twenty cases a week, the demand in the main being among the elderly sick and infirm.



I am indebted to the County Medical Officer for the following data relating to the County Ambulance Service :— During 1952 an average of approximately 18 persons per week-day were conveyed to and from Hospitals and Clinics in Cardiff, the total for the year being almost six thousand.

The Council is well aware of the numerous unsatisfactory features of the Swimming Baths. Although the water purification system and the turn-over of the water itself is satisfactory, there is a great deal to be done structurally and in particular the removal of the cubicles adjoining the bath to some other site. It is to be sincerely hoped that money will be available to carry out some improvements in the not too distant future and I trust that before next season an attempt will be made to improve the inadequate ventilation and to brighten up the interior decoration by the introduction of pastel shades.

Twenty-six households in Penarth are not connected to the main drainage and as some of these are large houses converted into numerous flats the load on the original cesspools has at time been excessive. The delivery of a cesspool and gully emptying vehicle during the year has solved this problem, as the borrowing of a vehicle from neighbouring authorities had its obvious disadvantages.

No action was taken under Section 47 of the National Assistance Act, 1948, during the year, i.e., the compulsory removal on a Court Order of persons "who are unable to devote to themselves and are not receiving from other persons, proper care and attention."

In conclusion I wish to thank all members of the Council, colleagues and the staff of the department for their loyal co-operation throughout the year.

I am,

Your Obedient Servant,

D. TREVOR THOMAS,

*Medical Officer of Health.*

## STATISTICS AND SOCIAL CONDITIONS

Area (including fore-shore)	..	.....	2,508 acres
Population (census 1951) .....	.....	.....	18,528
Population (mid-year 1952)	.....	.....	18,420
Number of inhabited houses	.....	.....	5,021
Rateable value	.....	.....	£139,295
Sum represented by a penny rate	.....	.....	£555

## VITAL STATISTICS

	Total	Male	Female
Number of live births (legitimate)	261	123	138
Number of live births (illegitimate)	5	3	2
Birth Rate of Estimated Population	14.44		
Number of still births (legitimate)	9	4	5
Number of still births (illegitimate)	1	—	1

Still birth rate 37.5 per 1,000 births, and 0.54 per 1,000 estimated population.

Number of deaths : 120 males, 119 females, 239 total.

Death rate estimated resident population	.....	12.98 per 1,000
Deaths from Puerperal Sepsis	.....	Nil
Deaths from Puerperal causes	.....	Nil

## INFANTILE MORTALITY RATE

All infants per 1,000 live births	.....	30.08
Number of deaths from Measles (all ages)	.....	Nil
Number of deaths from Whooping Cough (all ages)	.....	Nil
Number of deaths from Diarrhoea (under 2 years of age)	.....	Nil



# COMPARATIVE STATISTICS

Table 1 shows the Birth and Death Rates for the past 10 years in England and Wales, Glamorgan and Penarth.

TABLE 1.

Year	BIRTHS					DEATHS			
	BIRTH RATE PER 1,000 POPULATION					UNDER 1 YEAR		AT ALL AGES	
	Number	Penarth	England and Wales	Glamorgan	Number	Infantile Mortality Rate per 1,000 Births Registered	Number	Rate per 1,000 Population	
1943	266	17.4	16.5	18.4	13	49	199	13.0	
1944	277	18.1	17.6	19.4	6	22	223	14.6	
1945	223	14.3	16.1	18.1	7	31	205	13.1	
1946	312	18.7	19.1	19.4	10	32	215	12.9	
1947	377	21.8	20.5	20.8	16	42	224	18.8	
1948	312	17.5	17.9	18.9	7	22	208	11.7	
1949	292	16.2	16.7	17.1	8	27	213	11.8	
1950	286	15.5	15.8	16.1	7	24	240	13.0	
1951	300	16.3	15.5	16.3	8	26	263	14.3	
1952	266	14.4	15.3	16.1	8	30	239	12.9	

**Table II** shows the number of Births and the Infantile Mortality Rate for the County and District of Glamorgan during 1952.

**TABLE II.**

District	Number of Births	Deaths under 1 year	Rate per 1,000 Births
Administrative County of Glamorgan	11,839	407	34
Aberdare	571	21	36
Barry	717	24	33
Bridgend	221	4	18
Caerphilly	717	30	41
Cowbridge	17	—	—
Gelligaer	629	20	31
Glyncorrwg	216	5	23
Llchwyr	319	12	37
Maesteg	423	11	26
Mountain Ash	570	29	50
Neath Borough	466	14	30
Ogmore and Garw	395	26	65
<b>Penarth</b>	266	8	30
Pontypridd	565	15	26
Porthcawl	130	3	23
Port Talbot Borough	826	24	29
Rhonda	1,712	68	39
TOTAL FOR DISTRICT	8,760	314	35

# CAUSES OF DEATH DURING 1952

Cause of Death				Male	Female
1.	Tuberculosis (Respiratory)	.....	.....	1	—
2.	Tuberculosis (Other)	.....	.....	1	—
3.	Syphilitic disease	.....	.....	1	—
4.	Diphtheria	.....	.....	—	—
5.	Whooping Cough	.....	.....	—	—
6.	Meningococcal Infections	.....	.....	—	—
7.	Acute poliomyelitis	.....	.....	—	—
8.	Measles	.....	.....	—	—
9.	Other infective and parasitic diseases	.....	.....	—	—
10.	Malignant neoplasm, stomach	.....	.....	3	2
11.	Malignant neoplasm, lung, bronchus	.....	.....	5	1
12.	Malignant neoplasm, breast	.....	.....	—	1
13.	Malignant neoplasm, uterus	.....	.....	—	—
14.	Other malignant and lymphatic neoplasms	.....	.....	13	11
15.	Leukaemia, aleukaemia	.....	.....	—	1
16.	Diabetes	.....	.....	1	2
17.	Vascular lesions of nervous system	.....	.....	18	31
18.	Coronary disease, angina	.....	.....	28	6
19.	Hypertension with heart disease	.....	.....	3	6
20.	Other heart diseases	.....	.....	11	22
21.	Other circulatory diseases	.....	.....	5	10
22.	Influenza	.....	.....	1	—
23.	Pneumonia	.....	.....	1	3
24.	Bronchitis	.....	.....	7	2
25.	Other diseases of the respiratory system	.....	.....	1	—
26.	Ulcer of the stomach and the duodenum	.....	.....	2	—
27.	Gastritis, enteritis and diarrhoea	.....	.....	—	2
28.	Nephritis and nephrosis	.....	.....	3	2
29.	Hyperplasia of prostate	.....	.....	1	—
30.	Pregnancy, childbirth, abortion	.....	.....	—	—
31.	Congenital malformations	.....	.....	1	2
32.	Other defined and ill defined diseases	.....	.....	8	14
33.	Motor vehicle accidents	.....	.....	1	—
34.	All other accidents	.....	.....	—	1
35.	Suicide	.....	.....	4	—
36.	Homicide and operations of war	.....	.....	—	—
All Causes				120	119
Total				239	

**CAUSES OF INFANT DEATHS AT VARIOUS AGES,  
DURING 1952**

Diseases	Hrs. 24	Weeks				To'tl 1st. M'h.	Months				Total
		1	2	3	4		1-3	3-6	6-9	9-12	
Cerebral Haemorrhage	2	-	-	-	-	1	-	-	-	-	-
Meningitis	-	1	-	-	-	1	-	-	-	-	-
Pneumonia	1	-	-	-	-	1	2	-	-	1	3
Axphyxia Neonatorum	1	-	-	-	-	1	-	-	-	-	-
Ruptured Meningocale Spina Bifida	1	-	-	-	-	1	-	-	-	-	-
Total	4	1	-	-	-	5	2	-	-	1	3

**TABLE SHOWING AGEING OF POPULATION**

No. of Deaths at Ages	Year 1941	Year 1942	Year 1951	Year 1952
65 and over	48	32	59	57
75 and over	74	71	103	108
Total	122	103	162	165

## DIPHTHERIA IMMUNISATION

Under the National Health Service Act, 1946 arrangement for this became the responsibility of the Glamorgan County Council, and Immunisation has been carried out as formerly at the Infant Welfare Clinics, schools and also by General Medical Practitioners.

During the year 242 Infants were immunised.

Year	No. of Cases	No. of Deaths
1937	113	4
1938	65	2
1939	91	2
1940	23	3
1941	Nil	Nil
1942	5	Nil
1943	2	Nil
1944	5	1
1945	2	Nil
1946	2	Nil
1947	5	1
1948	Nil	Nil
1949	Nil	Nil
1950	Nil	Nil
1951	Nil	Nil
1952	Nil	Nil

## LABORATORY FACILITIES

The following pathological and bacteriological examinations were made at the Cardiff and County Public Health Laboratory :—

Throat Swabs	10
Faeces? Dysentery	6
„ ? Food Poisoning	9
„ ? Paratyphoid	6
Milk	27
Water	16

## INFECTIOUS DISEASES

### Cases.

During the year the following cases were notified.

Pneumonia	.....	69	including 45 from Llandough Hospital
Scarlet Fever	.....	26	„ — „ „ „
Malaria	.....	1	„ — „ „ „
Erysipelas	.....	2	„ — „ „ „
Food Poisoning	.....	1	„ 1 „ „ „
Whooping Cough	.....	13	„ 1 „ „ „
Enteric or Typhoid Fever.	.....	1	„ 1 „ „ „
Measles	.....	733	„ 4 „ „ „
Puerperal Pyrexia	.....	2	„ — „ „ „
Meningococcal Infection	.....	8	„ 8 „ „ „
Dysentery	.....	14	„ 12 „ „ „
Paratyphoid Fever	.....	23	„ 21 „ „ „
Acute Poliomyelitis Non-Paralitic	.....	1	„ 1 „ „ „

Of the above cases of Infectious Diseases the undermentioned were admitted to Isolation Hospitals

Scarlet Fever	.....	5
Measles	.....	2
Pneumonia	.....	8
Paratyphoid Fever	.....	2

## DISINFECTION

Disinfection of Clothing, Bedding, etc. where necessary is carried out by arrangement with the Cardiff Health Authority.

# NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS)

DISEASES	All Ages	Un- der 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	Over 65 yrs.	(1)	(2)	(3)
Pneumonia ...	69	7	7	9	3	8	22	2	—	3	—	4	4	45	16	8
Whooping Cough ...	13	2	1	3	1	3	2	—	1	—	—	—	—	1	12	—
Measles ...	733	20	72	68	96	96	360	16	—	4	1	—	—	4	727	2
Meningococcal Infection ...	8	4	—	1	—	1	2	—	—	—	—	—	—	8	21	—
Scarlet Fever ...	26	—	—	2	1	2	13	6	1	1	—	—	—	—	—	5
Puerperal Pyrexia ...	2	—	—	—	—	—	—	—	—	2	—	—	—	—	2	—
Dysentery ...	14	1	—	1	1	2	6	2	—	1	—	—	—	12	2	—
Erysipelas ...	2	—	—	—	—	—	—	—	—	—	1	—	1	—	2	—
Acute Encephalitis Infective ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis (Paralytic) ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis (Non-paralytic) ...	1	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—
Ophthalmia Neonatorum ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria ...	1	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—
Food Poisoning ...	1	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Enteric of Typhoid Fever (Excluding Paratyphoid)	1	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—
Paratyphoid Fever ...	23	1	—	—	1	2	4	5	2	5	1	1	1	21	—	2
TOTALS ...	894	36	80	84	103	114	409	31	4	19	3	5	6	94	783	17

The figures shown under (1), (2), (3) represent the following:—

(1) Notified by Llandough Hospital.

(2) Cases treated at home.

(3) Cases admitted to hospital.



## TUBERCULOSIS

The Chest Physician, Cardiff, Dr. S. H. Graham has kindly compiled the following table in connection with the treatment of tuberculosis during the year 1952. The figures in parentheses denote the corresponding cases for the year 1951.

Number of new cases seen	(210)	268
Number found to be suffering from Pulmonary Tuberculosis	(11)	18
Number found to be suffering from Non-pulmonary Tuberculosis	(5)	3
Number with no evidence of Tuberculosis	(184)	235
Number still under observation	(10)	12

Age Period	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0— 1	—	—	—	1	—	—	—	—
1— 5	—	1	1	—	—	—	—	—
5—10	—	1	—	—	—	—	—	—
10—15	1	—	—	—	—	—	—	—
15—20	—	2	—	—	—	—	—	—
20—25	3	3	1	—	—	—	—	—
25—35	1	1	—	1	—	—	1	—
35—45	1	1	—	1	—	—	—	—
45—55	1	1	—	—	—	—	—	—
55—65	1	—	—	—	—	—	—	—
65 & Over	2	—	—	—	1	—	—	—
	10	10	2	3	1	—	1	—
Total	20		5		1		1	

# TUBERCULOSIS NOTIFICATIONS

1940—1952

Year	No. Notified Pulmonary	No. Notified Non Pulmonary	Total	Deaths Recorded Total
1940	17	7	24	9
1941	6	9	15	10
1942	17	2	19	8
1943	15	7	22	8
1944	19	6	25	8
1945	10	3	13	6
1946	15	5	20	6
1947	8	3	11	6
1948	24	2	26	6
1949	16	6	22	6
1950	18	3	21	4
1951	11	5	16	10
1952	20	5	25	2

## ADMISSION TO TREATMENT

AGE PERIODS	PULMONARY								NON-PULMONARY							
	0.5		5-15		15 & Over		All Ages		0.5		5-15		15 & Over		All Ages	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Institutional	—	—	—	—	4	3	4	3	—	2	—	—	—	1	—	3
Domiciliary	—	—	—	—	2	5	2	5	—	—	—	—	—	—	—	—
Dispensary	—	1	2	—	38	24	40	25	1	—	3	3	4	5	8	8

## MASS RADIOGRAPHY REPORT

September, 1952

Total Number of Persons Examined	3.669
Total Number Found to be Abnormal .....	171 or 4.6%
Classification of Abnormal Cases	
(a) Definite Pulmonary Tuberculosis .....	3 or 0.08%
(b) Needing further observation for Pulmonary Tuberculosis .....	18 or 0.49%
(c) Other Abnormalities of Chest ...	150 or 4.09%

### SWIMMING BATHS

Chemical and Bacteriological samples of the Swimming Bath Water were examined at the County and Public Health Laboratory and found to be satisfactory.

The degree of Chlorination of the water is frequently and quickly checked by a simple colorimetric method by the Baths Superintendent. The "turn-over-period" of the Bath water when necessary can be reduced to under 4 hours, which is regarded as satisfactory.

### SCHOOLS

Situated in the District are the following schools :—

Penarth County Grammar School.	Cogan Council School.
Victoria Council School.	Penarth C. of E. School.
Albert Road Council School.	Penarth R.C. School.

All the schools are provided with a constant supply of pure water, good drainage and sanitary fittings, urinals, etc., which are flushed with automatic tanks.

### VERMINOUS INFESTATION

Disinfestation of verminous houses is carried out by the use of Insecticides containing 5 per cent of D.D.T. and owing to the high efficiency of the treatment it is only very occasionally that re-treatment is necessary. During the year 82 rooms were treated.

## SUPERVISION AND INSPECTION OF FOOD SUPPLIES

### Milk.

The 15 Purveyors of milk in the district are made up as follows :

Producers	.....	.....	.....	.....	4
Producer/Retailers	.....	.....	.....	.....	4
Other Retailers	.....	.....	.....	.....	8
Non-resident Retailers	.....	.....	.....	.....	3

Close supervision was maintained by the Inspectors on Milk Distributors and all dairy premises (other than dairy farms).

### Designated Milk.

Number of Samples	Number Satisfactory	Number Unsatisfactory
18	18	Nil

### Undesignated Milk.

Number of Samples	Number Satisfactory	Number Unsatisfactory
5	4	1

### Samples tested for the presence of Tubercle Bacilli.

Number of Samples	Number Satisfactory	Number Unsatisfactory
10	9	1

Arising out of the unsatisfactory Tubercle Bacilli sample, a veterinary investigation was carried out at the farm concerned and as a result of their findings one cow was removed from the herd.

There are eight farms in the district, the cowsheds of which are fitted with modern drinking bowls for each cow, and are served by a constant water supply.

## SANITARY CIRCUMSTANCES OF THE AREA

### Water Supply.

The district is within the area of supply of the City of Cardiff, and receives a constant service of upland surface water from the Brecknock Beacons.

By arrangement with the County Council samples are taken to the Cardiff and County Public Health Laboratory for chemical and bacteriological examination.

The number of samples collected from various points by the Sanitary Inspectors for bacteriological and chemical analysis are set out hereunder :—

Type of Sample	Number Taken	Number Satisfactory	Number Unsatisfactory
Bacteriological	6	6	Nil
Chemical . . .	6	5	1
Total . . . . .	12	11	1

Number of Dwelling-houses served	Number of Population supplied from Public Water Mains	Number of Population supplied from Standpipe	Number of Persons supplied by piped supply from Well
5,021	18,420	Nil	Nil

### RAINFALL

The rainfall for the year 1952 was 42.43 inches, and rain fell on 180 days.

One inch of rain or over fell in twenty-four hours on four occasions, the highest rainfall being recorded on the 8th September, when 1.95 inches fell.

## Meat and Food Inspection.

There are 17 butchers' shops in the district, and all shops and vehicles to which the meat regulations apply were frequently inspected and surveyed.

During the year the following articles of food were, upon examination found to be unfit for human consumption and were voluntarily surrendered.

Anchovy ... ..	5 jars	Jellied Veal ... ..	14 tins
Anchovy ... ..	7 cartons	Jam & Cream Rolls ...	46
Apricot Conserve ...	1 jar	Lambs Tongues ... ..	4 tins
Apricots ... ..	35 tins	Liver ... ..	7 lbs.
Apples ... ..	72 tins	Luncheon Meat ... ..	418 tins
Apples Puree ... ..	97 tins	Lobster ... ..	7 tins
Almonds ... ..	3 boxes	Meat Pies ... ..	75
Bacon ... ..	11 lbs.	Mixed Vegetables ...	10 tins
Brawn ... ..	1 tin	Minced Beef Loaf ...	82 tins
Biscuits ... ..	56 lbs.	Marmalade ... ..	58 tins
Blackberries ... ..	1 tin	Mincemeat ... ..	1 jar
Beans ... ..	152 tins	Mincemeat ... ..	7 tins
Braised Kidney ...	19 tins	Mixed Fruit ... ..	1 tin
Bananas ... ..	3 tins	Macaroni ... ..	5 tins
Beef ... ..	531½ lbs.	Nescafe ... ..	8 tins
Blackcurrants ... ..	3 tins	Oranges ... ..	14 tins
Bilberries ... ..	2 tins	Orange Juice ... ..	4 tins
Black Pudding ... ..	6 lbs.	Ox Tongue ... ..	1 tin
Beef ... ..	10 tins	Ox Tongue ... ..	5¼ lbs.
Chicken ... ..	1 tin	Pork & Beef ... ..	3 tins
Carrots ... ..	30 tins	Pickled Cabbage ...	5 tins
Cheese ... ..	188 boxes	Pears ... ..	20 tins
Cheese Spread ... ..	1 carton	Prunes ... ..	16 tins
Cheese Sprcad ... ..	168 pkts.	Pickles ... ..	19 tins
Cream Cheese ... ..	1 jar	Peas ... ..	155 tins
Cheesc ... ..	11 lbs.	Pineapple ... ..	7 tins
Cake Mixture ... ..	9 pkts.	Pineapple ... ..	3 jars
Crab ... ..	18 tins	Pineapple Juice ...	5 tins
Crab Paste ... ..	4 tins	Pork Pies ... ..	43
Cherries ... ..	136 tins	Pudding Mixture ...	32 pkts.
Crushed Pinapple ...	2 tins	Pork Brawn ... ..	6 tins
Cheese & Tomato Spread	6 jars	Plums ... ..	202 tins
Damsons ... ..	45 tins	Pork Luncheon Meat..	29 tins
Dressed Crab... ..	1 tin	Peaches ... ..	18 tins
Evaporated Milk ...	208 tins	Peaches ... ..	2 jars
Essence of Beef ...	2 jars	Pilchards ... ..	17 tins
Fruit Salad ... ..	3 tins	Pork ... ..	28 tins
Faggots ... ..	59	Pork ... ..	16¾ lbs.
Greengages ... ..	84 tins	Quaker Oats ... ..	4 pkts.
Gooseberries ... ..	9 tins	Raspberries ... ..	5 lbs.
Grape Fruit Juice ...	20 tins	Rhubarb ... ..	7 tins
Grape Fruit ... ..	8 tins	Raspberry Cream	
Grapes ... ..	8 tins	Sandwiches ... ..	10
Ham & Beef Loaf ...	12 tins	Savory Snacks ... ..	36
Ham ... ..	4 lbs.	Strained Foods ... ..	14 tins
Herrings ... ..	13 tins	Shredded Wheat ...	1 pkt.
Herrings in Tomato ...	3 tins	Sardines ... ..	2 tins
Herring Roe Spread ...	1 tin	Sausages ... ..	41 tins
Jam ... ..	15 tins	Stewed Steak ... ..	151 tins
		Soup ... ..	238 tins

Salmon	...	...	14 tins
Shrimps	...	...	27 tins
Shrimps	...	...	3 qrts.
Spaghetti	...	...	3 tins
Strawberries	...	...	16 tins
Sheeps Tongues	...	...	3 tins
Sausages	...	...	155 lbs.
Tomatoes	...	...	450 tins
Tomatloe Juice	...	...	12 tins

Tongue	...	...	9 tins
Tea	...	...	2 lbs.
Veal & Ham Pies	...	...	17
Veal & Ham	...	...	8 tins
Vegetable Salad	...	...	1 tin
Veal	...	...	8 tins
Vienna Sausage	...	...	3 tins
Weetabix	...	...	1 box

## FOOD & DRUGS ACT 1938 - 50

### Food Analysis.

This work was carried out by the County Sanitary Inspectors and the following is their report of Samples taken in the district during 1952.

	Samples taken	Unsatisfactory
Milk	58	1
Lard	1	—
Margarine	1	—
Pineapple Preserve	1	—
Self Raising Flour	2	—
Salad Cream	3	—
Semolina	1	—
Table Jelly	3	—
Blancmange Powder	2	—
Rice Creamola	1	1
Scotch Broth	1	—
Butter	2	—
Tomato Ketchup	1	—
Meat Paste	1	—
Tea	1	—
Orange Squash	1	—
Pudding Mixture	2	1
Lemon Cheese	1	—
Grape Nuts	1	—
Lemon Curd	1	—
White Pepper	1	—
Pickling Spice	1	—
Cake Mixture	1	—
Total	88	3



## FACTORIES ACTS, 1937 and 1948.

Regular visits of inspection have been made to factories in the district as shown in the following Tables :—

### 1.—Inspections.

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	32	214	2	—
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority ...	36	131	—	—
(3) Other premises in which Section 7 is enforced by the Local Authority † (excluding out-workers' premises)...	—	—	—	—
Total ... ..	68	345	2	—

### 2.—Cases in which defects were found.

Particulars	Found	Remedied	Referred		Number of Cases in which prose- cutions were instituted
			To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness (S1)	5	5	—	—	—
Overcrowding (S2) ...	—	—	—	—	—
Unreasonable Temp. (S3)	—	—	—	—	—
Inadequate Ventilation (S4)	1	1	—	1	—
Ineffective drainage of floors (S6)	—	—	—	—	—
Sanitary Conveniences (S7)					
(a) Insufficient ...	—	—	—	—	—
(b) Unsuitable or defective	1	1	—	—	—
(c) Not separate for sexes	1	1	—	—	—
Other offences against the Act (not including offences relating to Out- work) ... ..	1	1	—	—	—
Total ... ..	9	9	—	1	—

## SANITARY INSPECTION OF THE DISTRICT.

The following table shows the amount of routine inspection work performed by the Sanitary Inspectors :—

### GENERAL SANITARY WORK.

Accumulations	.....	38
Animals kept	.....	73
Cesspools	.....	57
Closets, Water	.....	400
Complaints	.....	567
Dirty Houses	.....	21
Drains—Existing	.....	240
„ Obstructed	.....	175
„ Relaid	.....	35
„ Smoke Tested	.....	26
Infections Diseases	.....	28
Interviews	.....	842
Public and Private Conveniences	.....	124
Rooms Disinfected	.....	85
Rats and Mice	.....	728
Schools	.....	54
Smoke Observations	.....	2
Smoke Special Visits	.....	2
Verminous Premises	.....	21
Miscellaneous Visits	.....	621
Cinemas	.....	36

### HOUSING.

House Inspected	.....	499
Houses Re-inspected	.....	1,024

### FACTORIES.

Factories—Mechanical	.....	187
„ Non-mechanical	.....	113
Bakehouses	.....	111
Laundries	.....	17

## MEAT AND FOOD INSPECTIONS.

Meat and Food Inspections .....	343
Shops—Meat .....	231
"    Fish .....	52
"    General Provisions .....	430
"    Other .....	165
Food Preparation Premises .....	210
Dairies .....	94
Samples—Milk Bacteriological .....	23
Ice Cream Premises .....	215

## HOUSING STATISTICS, 1952

	<u>Local Authority</u>	<u>Private Licence</u>
Number of Houses completed during 1952 ...	71	31
Number of Houses partly completed .....	179	16
Number of families re-housed in New Council ❖ Houses .....		82

### Inspections of Dwelling Houses during the Year.

1. Total number of dwelling houses inspected under the Public Health and Housing Acts .....	528
2. Total number of dwellinghouses found not to be in all respects reasonably fit for human habitation .....	307
3. Number of defective dwellings rendered fit in consequence of informal action by the Local Authority or their officers .....	248

### 4. Action under the Housing Act, 1936 :—

(a) Number of Notices served—	
Preliminary .....	112
Statutory .....	28
(b) Number of dwellings which were rendered fit by owners after service of notice .....	61
(c) Number of dwellings which were rendered fit by Local Authority in default of owners .....	Nil
(d) Number of dwellings in respect of which demolition orders were made .....	Nil
(e) Number of dwellings in respect of which closing orders were made .....	Nil

## 5. Action under the Public Health Act, 1936 :—

(a) Number of Notices served—	
Preliminary .....	195
Statutory .....	39
(b) Number of dwellings in which defects were remedied by owners after service of notice	187
(c) Number of dwellings in which defects were remedied by Local Authority in default of owner	Nil

## NOTICES SERVED DURING THE YEAR.

### Result of Service.

Number of complaints received and dealt with 728

Verbal intimation resulted in a considerable amount of work being executed without the need for further action.

Sanitary improvements were carried out and defects remedied under the supervision of the Sanitary Inspectors.

### Exterior Works.

Roofs repaired and renewed	42
Rain water pipes and eaves gutters renewed and repaired	29
Walls—rebuilt or repaired	7
Yard area relaid	3
New Fascia Boards provided	3
Conservatory roof repaired	1
Boundary Walls repaired	10
Chimney Stack repaired	15
Exterior Cement Rendering	21
Defective Barge Board	4
Main Walls taken Down and Rebuilt	3
Defective Skylight	1
New Damp Course Provided	1
New Door Provided	16
Front Entrance Path relaid	7
New Steps provided	2
Defective yard gully	3
Soil pipe repaired	2
Accumulation of refuse cleared	5
Walls Repointed	2
Damp Course Renewed	1

### Interior Works.

Defective Washing Boiler	2
Obstructed chimney flue	2
Windows eased	6
Sink waste pipes repaired	6
Defective Hearth	3
New Washing Boiler provided	4

Balluster rails to stair repaired	7
New Opening Fanlight Fixed	1
New Sinks provided	1
Walls replastered internally	72
Fire Grates repaired	24
Floors repaired or renewed	39
New Skirting Boards provided	6
Doors repaired or renewed	18
Chimney Flues repaired	7
Windows and Frames repaired	54
Walls Rendered	4
Ceilings renewed or replastered	45
Stairs repaired	1
New Bath provided	2
Sashcords provided	43
Dampness in walls remedied	28
Defective Mantleshelves	2
Walls Limewashed	6
New Water Closet Pan Seat	5
New Lead Trap provided	2
New Wash Hand Basin provided	1

#### Drainage.

Cesspools cleared and cleansed	57
Drains repaired and relaid	13
Obstructed drains cleared and cleansed	134
Obstructed water closets cleared	5
New pedestal water closet pans provided	18
New flushing tanks provided	4
Flushing tanks repaired	2
New manholes provided	2
New Water Closet compartment built	1
Waste pipes repaired	3
New Waste Channel provided	1
Defective Joint between Flush Pipe and Water Closet renewed	1
Flooded Cellar cleared	3
Defective Manholes repaired	21

#### PREVENTION OF DAMAGE BY PESTS ACT, 1949.

The following shows the amount of routine work carried out and the results achieved.

Number of visits to rat infested premises	1,373
Number of interviews given	342
Number of reservoir infestations found	Nil
Number of major infestations found	Nil
Number of Complaint dealt with	232

## Surface Campaign.

During the year 232 complaints of premises infested by rats and mice were received by the Health Department and 1,104 premises including dwelling houses, business premises, farms, etc., were visited and inspected as a routine measure. As a result of this work 165 premises were found to be infested with rats and 70 with mice. These were all satisfactorily treated by the Rodent Operative.

The methods used were those laid down by the Ministry of Agriculture and Fisheries and include poisoning, trapping and gassing.

At the latter end of the year a new method was adopted, namely, the use of Warfarin and this technique promises several apparent advantages over other methods, namely :—

- (a) It dispenses with the necessity for Pre-baiting.
- (b) The material appears to be undetectable by rats and mice when mixed with any of the standard bait bases and overcomes the difficulty of poison prejudice and consequently we find that colonies of rodents continue feeding until the last rat or mouse is killed.
- (c) These baits, carefully laid, are relatively harmless to human beings and domestic animals and this makes it comparatively safe for use in dwellinghouses and food establishments, thus overcoming one of the main difficulties which were encountered in the use of zinc phosphide and arsenic.

## Sewer Campaign.

Two maintenance treatments were carried out in accordance with the directions received from the Ministry and all work carried out ranked for grant aid. Each treatment consisted of the inspection of approximately 500 manholes and side entrances throughout the town and the treatment of those sections of the sewers found to be infested.

The main infestations were again found in the North Ward and appear to be due to the fact that the system here consists of brick sewers which provide good harbourage and living quarters for the rats. These are difficult to treat successfully having regard to present methods of rat extermination.

It is felt that the Ministry of Agriculture recommendations in only allowing half yearly treatment of the sewers in this part of the town is inadequate to meet the situation and it would appear advisable for treatments to be undertaken in the North Ward at more frequent intervals.

As a result of the infestation found in this area during the second maintenance treatment in October, it was decided to re-treat the section and this was immediately carried out.

The sewers in the Central, West and South Wards of the town are kept under adequate control with the half yearly treatment agreed by the Council and the Ministry and large sections are now free from rodents.







